

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) ~~A display device in an~~ An image forming apparatus, comprising:

a display unit that displays a plurality of user-selectable an image forming indicating a function options which can be performed by at least one of and allows a user to instruct the image forming apparatus and an additional device mounted to the image forming apparatus; to perform the function by selecting the image; and

a display arrangement control device that judges functions provided to the image forming apparatus ~~or the additional device; apparatus, that~~ determines an arrangement of ~~the plurality of user-selectable image forming function options based on the judgment; images to be displayed, each of the images to be displayed indicating a function provided to the image forming apparatus, and that displays the plurality of user-selectable image forming function options~~ images on the display unit according to the determined arrangement,

wherein a plurality of available ~~user-selectable image forming function options~~ images are displayed in a first case, ~~and less than all of the plurality of the available user-selectable image forming function options that are~~ images displayed in the first case are displayed in a second case, and the display arrangement control device ~~determining~~ determines the arrangement so that at least one of ~~the user-selectable image forming function options~~ image is displayed in a position which is different in the first case than in the second case.

2. (Currently Amended) ~~A display device in an~~ An image forming apparatus, comprising:

a display unit that displays a plurality of user-selectable image forming  
indicating a function options which can be performed by at least one of and allows a user to  
instruct the image forming apparatus and an additional device mounted to the image forming  
apparatus; to perform the function by selecting the image; and

a display arrangement control device that judges functions provided to the  
image forming ~~apparatus or the additional device,~~ apparatus, that determines an arrangement  
of the ~~plurality of user-selectable image forming function options based on the~~  
~~judgment; images to be displayed, each of the images to be displayed indicating a function~~  
~~provided to the image forming apparatus, and that displays the plurality of user-selectable~~  
~~image forming function options~~ images on the display unit according to the determined  
arrangement,

wherein a plurality of available ~~user-selectable image forming function~~  
~~options~~ images are displayed in a first case, ~~and less than all of the plurality of the available~~  
~~user-selectable image forming function options that are~~ images displayed in the first case are  
displayed in a second case, and the display arrangement control device ~~determining~~  
~~determines~~ the arrangement so that at least one of the ~~user-selectable image forming function~~  
~~options~~ image is displayed in a size which is different in the first case than in the second case.

3. (Currently Amended) ~~A display device in an~~ An image forming apparatus,  
comprising:

a display unit that displays a plurality of user-selectable image forming  
indicating a function options which can be performed by at least one of and allows a user to  
instruct the image forming apparatus and an additional device mounted to the image forming  
apparatus; to perform the function by selecting the image; and

a display arrangement control device that judges functions provided to the  
image forming ~~apparatus or the additional device,~~ apparatus, that determines an arrangement

of the plurality of user-selectable image-forming function options based on the judgment, images to be displayed, each of the images to be displayed indicating a function provided to the image forming apparatus, and that displays the plurality of user-selectable image-forming function options images on the display unit according to the determined arrangement,

wherein a plurality of available user-selectable image-forming function options images are displayed in a first case, and less than all of the plurality of the available user-selectable image-forming function options that are images displayed in a the first case are displayed in a second case, and the display arrangement control device determining determines the arrangement so that at least one of the user-selectable image-forming function options image is displayed in a shape which is different in the first case than in the second case.

4. (Currently Amended) A display device in an An image forming apparatus, comprising:

a display unit that displays a plurality of user-selectable an image forming indicating a function options which can be performed by at least one of and allows a user to instruct the image forming apparatus and an additional device mounted to the image-forming apparatus; to perform the function by selecting the image; and

a display arrangement control device that judges functions provided to the image forming apparatus or the additional device, apparatus, that determines an arrangement of the plurality of user-selectable image-forming function options based on the judgment, images to be displayed, each of the images to be displayed indicating a function provided to the image forming apparatus, and that displays the plurality of user-selectable image-forming function options images on the display unit according to the determined arrangement,

wherein a plurality of available user-selectable image-forming function options/images are displayed in a first case, and less than all of the plurality of the available user-selectable image-forming function options that are images displayed in the first case are displayed in a second case, and the display arrangement control device determining determines the arrangement so that the user-selectable image-forming function options/images are displayed with a larger interval between the user-selectable image-forming function options/images in the second case than in the first case.

5. (Currently Amended) A display device in an image forming apparatus, comprising:

a display unit that displays a plurality of user-selectable image forming indicating a function options which can be performed by at least one of and allows a user to instruct the image forming apparatus and an additional device mounted to the image forming apparatus; to perform the function by selecting the image; and

a display arrangement control device that judges functions provided to the image forming apparatus or the additional device; apparatus, that determines an arrangement of the plurality of user-selectable image-forming function options based on the judgment; images to be displayed, each of the images to be displayed indicating a function provided to the image forming apparatus, and that displays the plurality of user-selectable image-forming function options/images on the display unit according to the determined arrangement,

wherein a plurality of available user-selectable image-forming function options/images are displayed in a first case, and less than all of the plurality of the available user-selectable image-forming function options that are images displayed in the first case are displayed in a second case, and the display arrangement control device determining determines the arrangement so that the user-selectable image-forming function options/images

are displayed in a larger size in the second case than in the first case.

6. (Canceled)

7. (Currently Amended) The ~~display device~~image forming apparatus according to claim 1, wherein ~~whether the first case or the second case is displayed~~the function provided to the image forming apparatus is determined according to mounting conditions of additional ~~devices~~devices provided to the image forming apparatus.

8. (Canceled)

9. (Currently Amended) The ~~display device~~image forming apparatus according to claim 1, wherein the display unit further comprises a touch panel ~~type~~display device which allows a user to ~~select a function~~instruct by touching a ~~displayed display area of one of the user-selectable image forming function options~~thereof.

10. (Currently Amended) The ~~display device~~image forming apparatus according to claim 1, wherein the display arrangement control device ~~maintains the user-selectable image forming function options in a uniform arrangement~~controls the arrangement of images to be displayed, when the a number of the user-selectable image forming function optionsimages to be displayed is changed, changed, so that images to be newly displayed are displayed in a uniform arrangement.

11. (Canceled)

12. (Currently Amended) The ~~display device~~image forming apparatus according to claim 1, further comprising a calculating device for determining by calculation display positions of the ~~user-selectable image forming function options~~images when ~~the a number of the user-selectable image forming function options~~images to be displayed is changed.

13. (Currently Amended) The ~~display device~~image forming apparatus according to claim 1, wherein the ~~user-selectable image forming function options~~include images indicate options associated with a ~~particular~~function, and the options associated with the

particular function are displayed when the particular function is selected on a predetermined display screen displayed on the display unit by selecting an image indicating the function.

14. (Currently Amended) A display method for displaying user-selectable image forming function options images on a display unit in an imaging forming apparatus, the method comprising:

judging functions provided to the image forming apparatus or an additional device mounted to the image forming apparatus;

determining a display arrangement of the images to be displayed, the images to be displayed indicating the functions provided to the image forming apparatus; and

displaying the images on the display according to the determined arrangement,  
wherein

for a plurality of images are displayed in a first case, wherein a plurality of available user-selectable image forming function options in an image forming apparatus are displayed on a display unit, the plurality of available user-selectable image forming function options being options which can be performed by at least one of the image forming apparatus and the additional device mounted to the image forming apparatus;

modifying the first case to a second case based on the judgment, wherein less than all of the plurality of the user-selectable image forming function options images displayed in the first case are displayed; displayed in a second case, and

automatically re-arranging at least one of the user-selectable image forming function options displayed in both cases such that the display arrangement is determined so that at least one user-selectable image forming function option is displayed in at least one of a position, a size and a shape a position which is different in the first case than in the second case; and,

wherein the judging, determining, modifying and re-arranging steps occur in a

display device.

15. (Canceled)

16. (Currently Amended) The display method according to claim 14, wherein ~~whether the first case or the second case is displayed~~the function provided to the image forming apparatus is determined according to mounting conditions of additional ~~devices~~devices provided to the image forming apparatus.

17. (Currently Amended) The display method according to claim 14, wherein the ~~user-selectable image forming function options~~display arrangement is controlled, when a number of the images to be displayed is changed, so that images to be newly displayed are displayed in a uniform arrangement when the number of the user-selectable image forming function options to be displayed is changed.arrangement.

18-20. (Canceled)

21. (Currently Amended) The ~~display device~~image forming apparatus according to claim 2, wherein ~~whether the first case or the second case is displayed~~the function provided to the image forming apparatus is determined according to mounting conditions of additional ~~devices~~devices provided to the image forming apparatus.

22. (Currently Amended) The ~~display device~~image forming apparatus according to claim 3, wherein ~~whether the first case or the second case is displayed~~the function provided to the image forming apparatus is determined according to mounting conditions of additional ~~devices~~devices provided to the image forming apparatus.

23. (Currently Amended) The ~~display device~~image forming apparatus according to claim 4, wherein ~~whether the first case or the second case is displayed~~the function provided to the image forming apparatus is determined according to mounting conditions of additional ~~devices~~devices provided to the image forming apparatus.

24. (Currently Amended) The ~~display device~~image forming apparatus according

to claim 5, wherein ~~whether the first case or the second case is displayed~~the function provided to the image forming apparatus is determined according to mounting conditions of additional ~~devices~~devices provided to the image forming apparatus.

25-28. (Canceled)

29. (Currently Amended) The ~~display device~~image forming apparatus according to claim 2, wherein the display unit further comprises a touch panel ~~type~~ display device which allows a user to ~~select a function~~instruct by touching a ~~displayed display area of one of the user-selectable image forming function options~~thereof.

30. (Currently Amended) The ~~display device~~image forming apparatus according to claim 3, wherein the display unit further comprises a touch panel ~~type~~ display device which allows a user to ~~select a function~~instruct by touching a ~~displayed display area of one of the user-selectable image forming function options~~thereof.

31. (Currently Amended) The ~~display device~~image forming apparatus according to claim 4, wherein the display unit further comprises a touch panel ~~type~~ display device which allows a user to ~~select a function~~instruct by touching a ~~displayed display area of one of the user-selectable image forming function options~~thereof.

32. (Currently Amended) The ~~display device~~image forming apparatus according to claim 5, wherein the display unit further comprises a touch panel ~~type~~ display device which allows a user to ~~select a function~~instruct by touching a ~~displayed display area of one of the user-selectable image forming function options~~thereof.

33. (Currently Amended) The ~~display device~~image forming apparatus according to claim 2, wherein the display arrangement control device ~~maintains the user-selectable image forming function options in a uniform arrangement~~controls the arrangement of images to be displayed, when the a number of the user-selectable image forming function optionsimages to be displayed is changedchanged, so that images to be newly displayed are



displayed in a uniform arrangement.

34. (Currently Amended) The ~~display device~~image forming apparatus according to claim 3, wherein the display arrangement control device ~~maintains the user-selectable image-forming function options in a uniform arrangement~~controls the arrangement of images to be displayed, when ~~the a~~ number of the ~~user-selectable image-forming function options~~images to be displayed is ~~changed~~, changed, so that images to be newly displayed are displayed in a uniform arrangement.

35. (Currently Amended) The ~~display device~~image forming apparatus according to claim 4, wherein the display arrangement control device ~~maintains the user-selectable image-forming function options in a uniform arrangement~~controls the arrangement of images to be displayed, when ~~the a~~ number of the ~~user-selectable image-forming function options~~images to be displayed is ~~changed~~, changed, so that images to be newly displayed are displayed in a uniform arrangement.

36. (Currently Amended) The ~~display device~~image forming apparatus according to claim 5, wherein the display arrangement control device ~~maintains the user-selectable image-forming function options in a uniform arrangement~~controls the arrangement of images to be displayed, when ~~the a~~ number of the ~~user-selectable image-forming function options~~images to be displayed is ~~changed~~, changed, so that images to be newly displayed are displayed in a uniform arrangement.

37-40. (Canceled)

41. (Currently Amended) The ~~display device~~image forming apparatus according to claim 2, further comprising a calculating device for determining by calculation display positions of the ~~user-selectable image-forming function options~~images when ~~the a~~ number of the ~~user-selectable image-forming function options~~images to be displayed is changed.

42. (Currently Amended) The ~~display device~~image forming apparatus according

to claim 3, further comprising a calculating device for determining by calculation display positions of the ~~user-selectable image-forming-function-options~~images when ~~the a~~ number of the ~~user-selectable image-forming-function-options~~images to be displayed is changed.

43. (Currently Amended) The ~~display-device-image forming apparatus~~ according to claim 4, further comprising a calculating device for determining by calculation display positions of the ~~user-selectable image-forming-function-options~~images when ~~the a~~ number of the ~~user-selectable image-forming-function-options~~images to be displayed is changed.

44. (Canceled)

45. (Currently Amended) The ~~display-device-image forming apparatus~~ according to claim 5, further comprising a calculating device for determining by calculation display positions of the ~~user-selectable image-forming-function-options~~images when ~~the a~~ number of the ~~user-selectable image-forming-function-options~~images to be displayed is changed.

46. (Currently Amended) The ~~display-device-image forming apparatus~~ according to claim 2, wherein the ~~user-selectable image-forming-function-options-include~~images indicate options associated with a ~~particular-function~~, and the options associated with the ~~particular-function~~ are displayed ~~when the particular-function is selected on a predetermined display-screen displayed on the display-unit by selecting an image indicating the function.~~

47. (Currently Amended) The ~~display-device-image forming apparatus~~ according to claim 3, wherein the ~~user-selectable image-forming-function-options-include~~images indicate options associated with a ~~particular-function~~, and the options associated with the ~~particular-function~~ are displayed ~~when the particular-function is selected on a predetermined display-screen displayed on the display-unit by selecting an image indicating the function.~~

48. (Currently Amended) The ~~display-device-image forming apparatus~~ according to claim 4, wherein the ~~user-selectable image-forming-function-options-include~~images indicate options associated with a ~~particular-function~~, and the options associated with the

~~particular-function are displayed when the particular-function is selected on a predetermined display screen displayed on the display unit by selecting an image indicating the function.~~

49. (Currently Amended) The ~~display device~~image forming apparatus according to claim 5, wherein the ~~user-selectable image-forming-function options include~~images indicate options associated with a ~~particular-function~~, and the options associated with the ~~particular-function are displayed when the particular-function is selected on a predetermined display screen displayed on the display unit by selecting an image indicting the function.~~

50. (Currently Amended) The ~~display device~~image forming apparatus according to claim 1, wherein a size of a range in which the ~~plurality of user-selectable image-forming function options~~images are displayed is the same in the first case and the second case.

51. (Currently Amended) The display method according to claim 14, wherein a size of a range in which the plurality of ~~user-selectable image-forming-function options~~images are displayed is the same in the first case and the second case.

52. (Canceled)